Yu Zheng

List of Publications by Year in descending order

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19	602	840119 11	794141 19
papers	citations	h-index	g-index

19	19	19	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning the dual- and triple-shape-memory effect of thermoplastic polyurethane/polylactic acid/poly(propylene carbonate) ternary blends via morphology control. Polymer, 2022, 242, 124546.	1.8	8
2	Self-Optimization of the Shape-Memory Effect during Programming Cycle Tests. Macromolecules, 2021, 54, 214-224.	2.2	5
3	Optical, Electrical, and Magnetic Properties of Shape-Memory Polymers, Polymer Blends, and Composites. Advanced Structured Materials, 2020, , 237-268.	0.3	4
4	Crystallization behavior and optical properties of isotactic polypropylene filled with Î±-nucleating agents of multilayered distribution. RSC Advances, 2020, 10, 387-393.	1.7	4
5	Body Temperature-Triggered Shape-Memory Effect via Toughening Sustainable Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Sustainable Chemistry and Engineering, 2020, 8, 1538-1547.	3.2	34
6	Nacre-Inspired Polymeric Materials with Body Heat-Responsive Shape-Memory Effect, High Optical Transparence, and Balanced Mechanical Properties. ACS Applied Materials & Interfaces, 2020, 12, 52008-52017.	4.0	13
7	Controllable distribution of conductive particles in polymer blends via a bilayer structure design: a strategy to fabricate shape-memory composites with tunable electro-responsive properties. Journal of Materials Chemistry C, 2020, 8, 9593-9601.	2.7	12
8	Fabrication of Thermoplastic Polyurethane/Polycaprolactone Multilayered Composites with Confined Distribution of MWCNTs for Achieving Tunable Thermo- and Electro-Responsive Shape-Memory Performances. Industrial & Engineering Chemistry Research, 2020, 59, 2977-2987.	1.8	16
9	Biocompatible shapeâ€memory poly(vinyl chloride) with a tunable switching temperature via a plasticization effect. Journal of Applied Polymer Science, 2019, 136, 47992.	1.3	3
10	Competitive growth of Î±- and Î²-transcrystallinity in isotactic polypropylene induced by the multilayered distribution of Î±-nucleating agents: Toward high mechanical performances. Chemical Engineering Journal, 2019, 355, 710-720.	6.6	19
11	Multilayered assembly of poly(vinylidene fluoride) and poly(methyl methacrylate) for achieving multi-shape memory effects. Chemical Engineering Journal, 2019, 362, 190-198.	6.6	39
12	Structural design of polyurethane/poly(butylene succinate)/polycaprolactone compounds via a multilayer-assembled strategy: achieving tunable triple-shape memory performances. RSC Advances, 2018, 8, 42337-42345.	1.7	8
13	Crystallization of polypropylene in multilayered spaces: Controllable morphologies and properties. European Polymer Journal, 2017, 89, 138-149.	2.6	11
14	Biocompatible Shape Memory Blend for Self-Expandable Stents with Potential Biomedical Applications. ACS Applied Materials & Interfaces, 2017, 9, 13988-13998.	4.0	63
15	Strategy for Fabricating Multiple-Shape-Memory Polymeric Materials via the Multilayer Assembly of Co-Continuous Blends. ACS Applied Materials & Interfaces, 2017, 9, 32270-32279.	4.0	39
16	Tunable Shape Memory Performances via Multilayer Assembly of Thermoplastic Polyurethane and Polycaprolactone. ACS Applied Materials & Interfaces, 2016, 8, 1371-1380.	4.0	87
17	Electrical Properties of Polypropylene-Based Composites Controlled by Multilayered Distribution of Conductive Particles. ACS Applied Materials & Interfaces, 2015, 7, 1541-1549.	4.0	95
18	Purification of phenol-contaminated water by adsorption with quaternized poly(dimethylaminopropyl) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.2	106

#	Article	IF	Citations
19	Surface Modification of Mild Steel with Thermally Cured Antibacterial Poly(vinylbenzyl) Tj ETQq1 1 0.784314 rgBT /Overlock Corrosion. Industrial & Engineering Chemistry Research, 2014, 53, 12363-12378.	1.8	10 Tf 50 74 36